U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number Complete if Known Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). 10/784.957 Conf. No.: 8450 **Application Number** FEE TRANSMITTAI February 25, 2004 Filing Date For FY 2009 Jen Yong YOO First Named Inventor **Examiner Name** G. A. Smarth Applicant claims small entity status. See 37 CFR 1.27 2478 Art Unit TOTAL AMOUNT OF PAYMENT 810,00 1630-0494PUS1 Attorney Docket No. METHOD OF PAYMENT (check all that apply) Check Credit Card Money Order None Other (please identify): Deposit Account Name: Birch, Stewart, Kolasch & Birch, LLP Deposit Account Deposit Account Number: 02-2448 For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments under 37 CFR 1.16 and 1.17 WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. **FEE CALCULATION** 1. BASIC FILING, SEARCH, AND EXAMINATION FEES **FILING FEES** SEARCH FEES **EXAMINATION FEES Small Entity Small Entity Small Entity** Fees Paid (\$) Fee (\$) Fee (\$) Fee (\$) **Application Type** Fee (\$) Fee (\$) Fee (\$) Utility 330 540 220 165 270 110 220 140 100 70 Design 110 50 Plant 220 330 170 85 110 165 Reissue 330 165 540 270 650 325 220 0 Provisional 110 0 Small Entity 2. EXCESS CLAIM FEES Fee (\$) Fee (\$) Fee Description 52 26 Each claim over 20 (including Reissues) 220 110 Each independent claim over 3 (including Reissues) 390 195 Multiple dependent claims **Multiple Dependent Claims** Fee Paid (\$) Total Claims Extra Claims Fee (\$) 0.00 0 Fee (\$) Fee Paid (\$) - 20 or HP = х HP = highest number of total claims paid for, if greater than 20. Extra Claims Fee (\$) Fee Paid (\$) Indep. Claims 0 **x** 0.00 HP = highest number of independent claims paid for, if greater than 3. 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee Paid (\$) Total Sheets / 50 = (round up to a whole number) x 0.00 4. OTHER FEE(S) Fees Paid (\$) Non-English Specification, \$130 fee (no small entity discount) Other (e.g., late filing surcharge): Request for Continued Examination (RCE) Fee 810.00 SUBMITTED BY Registration No. 40953 Telephone 703-205-8000 Signature Date

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Name (Print/Type) Esther H. Chong